

Fireworxx80 (EP) with Caprylic Acid and Capric Acid (128919; 128955)

Identity and Composition
(OCSPP 880.1100 and 830.6302 to 830.7950)

Description of the Starting Materials, Production and Formulation
Process; and Discussion of the Formation of Impurities;
(880.1200, and 880.1400)

Preliminary Analysis, Certified Limits, and Enforcement
Analytical Methods
(OCSPP 830. 1700, 830.1750, and 830.1800)

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Study Completion Date: 12/09/2019

MRID(s): 51019201; 51019202; 50359609

Primary Review: Baylor Steele, Biologist, BPPD/RAB

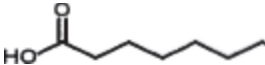
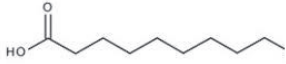
Secondary Review: Russell Jones, Ph.D., Senior Scientist, BPPD/RAB

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1.0 IDENTITY OF THE ACTIVE SUBSTANCE/INGREDIENT (51019201)**1.1 Author(s)/Company Name/Address:**

Neudorff North America, #4-6761 Kirkpatrick Cr., Saanichton, BC V8M 128 Canada

Table 1. Description of the Active Ingredient	
Common name OCSPP 880.1100	Caprylic acid and Capric acid
Chemical names OCSPP 880.1100	IUPAC: Octanoic acid and Decanoic acid CAS: 124-07-2; 334-48-5
Trade name(s) OCSPP 880.1100	EP: Fireworxx 80
Molecular and structural formula, molecular mass OCSPP 880.1100	Molecular formula: C ₈ H ₁₆ O ₂ and C ₁₀ H ₁₆ O ₂
	Structural formulas:  Caprylic acid
	 Capric acid
	Molecular wgt: 144.211 g/mol (Caprylic acid); 172.27 (Capric acid)
Percentage active ingredient by weight of product (excluding inactive isomers) OCSPP 880.1100	45.14% Caprylic acid 34.76% Capric acid

